

Title (en)
Connector assembly

Title (de)
Verbinderanordnung

Title (fr)
Assemblage connecteur

Publication
EP 1480292 A3 20060802 (EN)

Application
EP 04252382 A 20040423

Priority
JP 2003145181 A 20030522

Abstract (en)
[origin: EP1480292A2] The connector assembly comprises a first connector (A) having a plurality of first boards (26) which have conductor patterns formed on the surfaces thereof, a second connector (B) having a plurality of second boards which have conductor patterns formed on the surfaces thereof, and a relay connector (C) which is attached to the first connector (A) or second connector (B). In the relay connector (C), a plurality of female type contacts (50) are press-fitted. The contacts (50) have first female type contact parts that contact the conductor patterns of the first boards (26) and second female type contact parts that contact the conductor patterns of the second boards 64 are press-fitted. This arrangement allows the easy replacement of the easily damaged female type contacts (50). The assembly can be used in data transfer systems such as communications devices that transmit data signals at a high speed.

IPC 8 full level
H01R 13/41 (2006.01); **H01R 13/648** (2006.01); **H01R 31/06** (2006.01)

CPC (source: EP KR US)
E01F 9/617 (2016.02 - KR); **G01M 11/02** (2013.01 - KR); **H01R 12/52** (2013.01 - EP US); **H01R 12/724** (2013.01 - EP US)

Citation (search report)
• [XY] US 2002160658 A1 20021031 - SIPE LYNN ROBERT [US]
• [Y] US 6083047 A 20000704 - PAAGMAN BERNARDUS L F [NL]

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
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DOCDB simple family (application)
EP 04252382 A 20040423; CN 200410045743 A 20040524; JP 2003145181 A 20030522; KR 20040031076 A 20040503; TW 93111586 A 20040426; US 84703904 A 20040517